

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	21	loop same (prolog\$2 near4 epilog\$4 near4 kernel)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/23 15:58
S2	0	modulo adj1 variable adj1 expansion	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/23 16:47
S3	0	modulo near4 variable near4 expansion	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/23 16:47
S4	19	modulo near4 expansion	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:09
S5	16	loop near4 (bit adj1 mask\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/23 16:48
S6	0	modulo adj1 schedul\$3 near4 buffer\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:11
S7	0	modulo adj1 schedul\$3 adj1 buffer\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:10
S8	0	(modulo adj1 schedule) near4 buffer\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:11
S9	17	modulo adj1 schedule	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:12
S10	321	loop adj1 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:10
S11	0	(zero?overhead) adj1 loop adj1 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:13

## EAST Search History

S12	0	(loop adj1 buffer) same (modulo adj1 schedule)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:13
S13	0	(modulo adj1 schedule) and (loop adj1 buffer)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:13
S14	0	(modulo adj1 schedule) and (loop adj1 buffer)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:14
S15	0	(loop adj1 buffer) near4 schedule	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/27 17:14
S16	0	(loop adj1 stage) near4 (bit adj1 mask)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:08
S17	1	(loop adj1 stage) near4 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:04
S18	6	(loop adj1 stage) same buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:06
S19	0	(loop adj1 stage) same (bit adj1 mask\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:05
S20	0	(loop adj1 stage\$1) same (bit adj1 mask\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:05
S21	8	(loop adj1 stage\$1) same buffer\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:06
S22	817	(pipeline adj1 stage\$1) same buffer\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:06
S23	138	(pipeline adj1 stage\$1) near4 buffer\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:06

## EAST Search History

S24	19	(pipeline adj1 stage\$1) near4 (stor\$3 near4 buffer\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:07
S25	0	(loop adj1 stage) near4 (mask\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:08
S26	16	(loop adj1 buffer) near4 stage	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 10:11
S27	8	("5511178"   "5526397"   "5579493"   "5872989"   "5951679"   "6085315"   "6269440"   "6367071").PN.	USPAT	OR	OFF	2003/10/30 10:12
S28	1	zero adj1 overhead adj1 loop adj1 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 12:50
S29	0	zero adj1 overhead adj1 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 12:50
S30	1	zero adj1 overhead adj1 loop near4 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 12:50
S31	1	(zero adj1 overhead adj1 loop) near4 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 12:50
S32	1	(zero adj1 overhead near4 loop) near4 buffer	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 12:50
S33	1	(loop adj1 buffer) near4 (unroll\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 13:09
S34	1	(loop adj1 buffer) same (unroll\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 13:17
S35	2052	loop near4 interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:11

## EAST Search History

S36	0	(loop adj1 iteration) near4 interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:12
S37	1	(loop adj1 end) near4 interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:12
S38	3	(loop adj1 (iteration or cycle)) near4 interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:14
S39	0	(loop adj1 (iteration or cycle) near4 end) near4 interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:14
S40	0	(loop adj1 (iteration or cycle) near4 end) same interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:19
S41	13	(loop adj1 iteration) same interrupt\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/11/03 09:41
S42	41	(loop adj1 (iteration or cycle) near4 end)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2003/10/30 16:19
S43	10	((("6085315") or ("5867711") or ("6418489") or ("5835776") or ("5809308") or ("5664193") or ("5579493") or ("6598155") or ("6269440") or ("6367071"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2003/11/03 08:37
S44	1	("6421744").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2003/11/03 09:41
S45	456	(712/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 10:02
S46	225	(712/241).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 10:02

## EAST Search History

S47	77	(717/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 10:02
S48	133	(717/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 10:02
S49	83	(717/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 10:53
S50	0	(functional adj1 unit) near4 (instruction adj1 cache) near4 (individual or separate or sing\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 11:04
S51	22	(functional adj1 unit) near4 (instruction adj1 cache)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 10:58
S52	8	(functional adj1 unit\$1) near4 cache\$1 near4 (individual or separate or unique or personal or own)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 11:04
S53	0	(functional adj1 unit\$1) near4 (instruction adj1 cache\$1) near4 (individual or separate or unique or own)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 11:05
S54	0	(functional adj1 unit\$1) with ((instruction adj1 cache\$1) near4 (individual or separate or unique or own))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 11:06
S55	15	(functional adj1 unit\$1) same ((instruction adj1 cache\$1) near4 (individual or separate or unique or own))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/10/18 11:06
S56	495	(712/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:21
S57	249	(712/241).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:21

## EAST Search History

S58	88	(717/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:21
S59	141	(717/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:21
S60	94	(717/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:21
S61	2	dispatch\$3 near4 buffer\$3 near4 (loop\$1 near4 kernel)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:24
S62	2	dispatch\$3 with (buffer\$3 near4 (loop\$1 near4 kernel))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:23
S63	5	dispatch\$3 with (buffer\$3 with (loop\$1 near4 kernel))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:23
S64	6	dispatch\$3 with (buffer\$3 with (loop\$1 with kernel))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:55
S65	4	dispatch\$3 near4 buffer\$3 near4 (loop\$1 near4 instruction\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 15:24
S66	10	dispatch\$3 near4 (buffer\$3 or cach\$3 or stor\$3) near4 (loop\$1 near4 instruction\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:49
S67	14	dispatch\$3 with ((buffer\$3 or cach\$3 or stor\$3) near4 (loop\$1 near4 instruction\$1))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:33
S68	19	dispatch\$3 with ((buffer\$3 or cach\$3 or stor\$3) with (loop\$1 near4 instruction\$1))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:56

## EAST Search History

S69	16	dispatch\$3 near4 ((buffer\$3 or cach\$3 or stor\$3) near4 loop\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:40
S70	21	dispatch\$3 with ((buffer\$3 or cach\$3 or stor\$3) near4 loop\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:45
S71	24	(dispatch\$3 near4 (buffer\$3 or cach\$3 or stor\$3)) with loop\$1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:42
S72	63	dispatch\$3 with ((buffer\$3 or cach\$3 or stor\$3) with loop\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:45
S73	2	(buffer\$3 or cach\$3 or stor\$3) near4 (loop\$1 near4 instruction\$1) near4 kernel	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:52
S74	3	(buffer\$3 or cach\$3 or stor\$3) with ((loop\$1 near4 instruction\$1) near4 kernel)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:50
S75	6	(buffer\$3 or cach\$3 or stor\$3) with ((loop\$1 near4 instruction\$1) with kernel)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:50
S76	6	(buffer\$3 or cach\$3 or stor\$3) near4 loop\$1 near4 kernel	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:52
S77	62	(buffer\$3 or cach\$3 or stor\$3) with (loop\$1 near4 kernel)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:52
S78	7	dispatch\$3 same (buffer\$3 with (loop\$1 with kernel))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:55
S79	7	dispatch\$3 same (buffer\$3 same (loop\$1 with kernel))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:56
S80	9	dispatch\$3 same (buffer\$3 same (loop\$1 same kernel))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:56

## EAST Search History

S81	68	dispatch\$3 same ((buffer\$3 or cach\$3 or stor\$3) with (loop\$1 near4 instruction\$1))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/05/26 16:56
S82	524	(712/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 10:33
S83	268	(712/241).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 10:33
S84	98	(717/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 10:33
S85	154	(717/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 10:33
S86	107	(717/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 10:33
S87	1	(loop\$3 near4 buffer\$1) with (schedul\$3 near4 information\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 11:29
S88	2	(loop\$3 near4 buffer\$1) same (schedul\$3 near4 information\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 11:43
S89	0	(loop\$3 near4 buffer\$1) with (schedul\$3 near4 tag\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 11:43
S90	0	(loop\$3 with buffer\$1) with (schedul\$3 near4 tag\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 11:43
S91	2	(loop\$3 with buffer\$1) with (schedul\$3 with tag\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 13:12



## EAST Search History

S92	2	(loop\$3 with buffer\$1) same (schedul\$3 with tag\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 13:12
S93	7	(loop\$3 with schedul\$3 with tag\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/10 13:46
S94	270	(712/241).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 11:25
S95	525	(712/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 11:42
S96	99	(717/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 11:42
S97	155	(717/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 11:42
S98	108	(717/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 11:42
S99	7	(loop\$3 with schedul\$3 with tag\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 11:47
S10 0	149	(loop\$3 near4 buffer\$3) near4 (schedul\$3 or iteration\$1 or count\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 13:20
S10 1	26	(loop\$3 adj1 buffer\$3) near4 (schedul\$3 or iteration\$1 or count\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 14:37
S10 2	1	("6988190").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/20 14:37

## EAST Search History

S10 3	6	("5381533"   "5579493"   "6145076"   "6304962"   "6347383"   "6598155").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/20 14:37
S10 4	8	(US-6671799-\$ or US-6598155-\$ or US-6347383-\$ or US-6304962-\$ or US-6145076-\$ or US-5579493-\$ or US-5381533-\$ or US-6988190-\$). did.	USPAT	OR	OFF	2006/01/20 14:53
S10 5	1	(functional adj1 units) near4 (loop near4 execut\$3 near4 unit)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:39
S10 6	3	(functional adj1 units) near4 (loop near4 unit)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:41
S10 7	333	(loop near4 execut\$3 near4 unit)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:39
S10 8	0	(loop near4 execut\$3 near4 unit) near4 (superscalar)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:40
S10 9	722	(loop near4 unit) near4 ((execut\$3 or process\$3 or function\$3) adj1 unit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:40
S11 0	1	(loop adj1 unit) near4 ((execut\$3 or process\$3 or function\$3) adj1 unit\$1)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:41
S11 1	0	(functional adj1 units) with (loop adj1 unit)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:41
S11 2	10	(functional adj1 units) with (loop near4 unit)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:42
S11 3	79	((functional or process\$3 or execut\$3) adj1 units) with (loop near4 unit)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:43
S11 4	12	loop adj1 execut\$3 adj1 unit	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/23 08:43

## EAST Search History

S11 5	287	(712/241).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/06/24 20:36
S11 6	546	(712/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/06/24 20:36
S11 7	108	(717/150).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/06/24 20:37
S11 8	167	(717/160).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/06/24 20:37
S11 9	122	(717/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2007/06/24 20:37
S12 0	45	loop near4 buffer\$1 near4 fetch\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/07/10 08:51
S12 1	1	("4,626,988").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/07/10 08:51
S12 2	304	(712/241).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:36
S12 3	592	(712/244).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:37
S12 4	124	(717/150).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:37
S12 5	187	(717/160).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:37
S12 6	145	(717/161).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/24 20:37
S12 7	53	loop near4 buffer\$1 near4 fetch\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2007/06/24 20:47